

# Product Datasheet

## SMARCAD1 Antibody NB100-79835

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 3

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**NB100-79835****SMARCAD1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

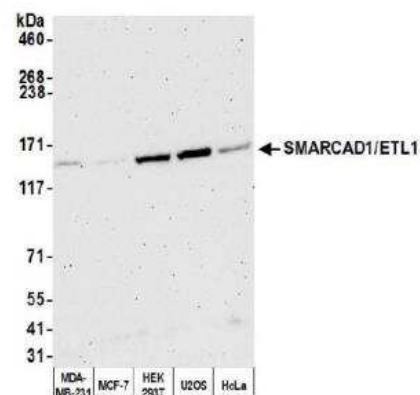
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SMARCAD1 Antibody (NB100-79835) is a polyclonal antibody validated for use in WB and IP. Anti-SMARCAD1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	56916
<b>Gene Symbol</b>	SMARCAD1
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 976 and 1026 of human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 (enhancer trap locus 1) using the numbering given in entry NP_064544.1 (GeneID 56916).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

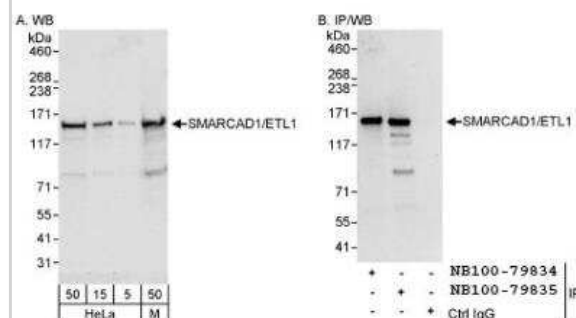


## Images

Western Blot: SMARCAD1 Antibody [NB100-79835] - Whole cell lysate (50 ug) from MDA-MB-231, MCF-7, HEK293T, U2OS, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMARCAD1/ETL1 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: SMARCAD1 Antibody [NB100-79835] - Detection of Human and Mouse SMARCAD1/ETL1 on HeLa whole cell lysate using NB100-79835. SMARCAD1/ETL1 was also IPed by rabbit anti-SMARCAD1/ETL1 antibody NB100-79834.



## Publications

Oh JM, Kang Y, Park J et al. MSH2-MSH3 promotes DNA end resection during homologous recombination and blocks polymerase theta-mediated end-joining through interaction with SMARCAD1 and EXO1 Nucleic Acids Research 2023-06-23 [PMID: 37140056] (Western Blot, Human)

Horikoshi N, Sharma D, Leonard F et al. Pre-existing H4K16ac levels in euchromatin drive DNA repair by homologous recombination in S-phase Commun Biol 2019-07-05 [PMID: 31286070] (Human)

Chakraborty S, Pandita RK, Hambarde S et al. SMARCAD1 Phosphorylation and Ubiquitination Are Required for Resection during DNA Double-Strand Break Repair. iScience. 2018-04-27 [PMID: 29888761] (WB, Human)



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### **Products Related to NB100-79835**

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NBL1-16229	SMARCD1 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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